

Author Index

- Aggarwal, I.D., see Ewing, K.J. 227
- Ala-Kleme, T., see Kulmala, S. 245
- Alciaturi, C.E.
—, Montero, T., Cruz, C.D.L. and Escobar, M.E.
The prediction of coal properties using compressed infrared data from oscillating polynomials 233
- Alguacil, F., see Coedo, A.G. 31
- Alpizar, J.
—, Cladera, A., Cerdà, V., Lastres, E. and García, L.
Simultaneous flow injection analysis of cadmium and lead with differential pulse voltammetric detection 149
- Andre, F., see Bizec, B.L. 201
- Arkoub, I.A.
—, Randriamahazaka, H. and Nigretto, J.-M.
Effect of surface activation on charge and mass transfer rates of the hexacyanoferrate(III)/(II) redox probe at fibrinogen-modified carbon paste electrodes 99
- Baldo, M.A.
—, Daniele, S. and Mazzocchin, G.A.
Anodic characterization of mercury microelectrodes for determinations of anions in real samples 77
- Barbaise, T., see Walcarius, A. 61
- Barnard, S.M., see Ferguson, J.A. 123
- Becker, G.
—, Colmsjö, A. and Östman, C.
Elemental composition determination of organophosphorus compounds using gas chromatography and atomic emission spectrometric detection 181
- Begerow, J.
—, Turfeld, M. and Dunemann, L.
Determination of physiological noble metals in human urine using liquid-liquid extraction and Zeeman electrothermal atomic absorption spectrometry 277
- Bessiere, J., see Walcarius, A. 61
- Bilodeau, T., see Ewing, K.J. 227
- Bizec, B.L.
—, Monteau, F., Maume, D., Montrade, M.-P., Gade, C. and Andre, F.
Detection and identification of thyrostats in the thyroid gland by gas chromatography-mass spectrometry 201
- Bohanec, S.
— and Moder, M.
A computer program for searching the best model for describing different experimental systems 267
- Bond, A.M., see Cardwell, T.J. 169
- Bornscheuer, U.T., see Yano, K. 41
- Bosch, E., see Muinasmaa, U. 133
- Bronk, K.S., see Ferguson, J.A. 123
- Bucholtz, F., see Ewing, K.J. 227
- Cámara, C., see Palacios, M.A. 209
- Cardwell, T.J.
—, Santos, J.H. and Bond, A.M.
Flow injection analysis of copper diethyldithiocarbamate in high resistance toluene media using a microelectrode detector 169
- Cerdà, V., see Alpizar, J. 149
- Chang, H.-C.
—, Yang, C.-C. and Yeh, T.-M.
Detection of lipopolysaccharide binding peptides by the use of a lipopolysaccharide-coated piezoelectric crystal biosensor 49
- Cladera, A., see Alpizar, J. 149
- Coedo, A.G.
—, Dorado, M.T., Padilla, I. and Alguacil, F.
Preconcentration and matrix separation of precious metals in geological and related materials using metalfix-chelamine resin prior to inductively coupled plasma mass spectrometry 31
- Colmsjö, A., see Becker, G. 181
- Compagnone, D.
— and Guilbault, G.G.
Glucose oxidase/hexokinase electrode for the determination of ATP 109
- Cruz, C.D.L., see Alciaturi, C.E. 233
- Dagenais, D.M., see Ewing, K.J. 227
- Daniele, S., see Baldo, M.A. 77
- Dennis, M.J., see Rossmann, A. 21
- Dorado, M.T., see Coedo, A.G. 31
- Dunemann, L., see Begerow, J. 277
- Escobar, M.E., see Alciaturi, C.E. 233
- Ewing, K.J.
—, Nau, G., Bilodeau, T., Dagenais, D.M., Bucholtz, F. and Aggarwal, I.D.
Monitoring the absorption of organic vapors to a solid phase extraction medium Applications to detection of trace volatile organic compounds by integration of solid phase absorbents with fiber optic Raman spectroscopy 227

- Ferguson, J.A.
—, Healey, B.G., Bronk, K.S., Barnard, S.M. and Walt, D.R.
Simultaneous monitoring of pH, CO₂ and O₂ using an optical imaging fiber 123
- Flores, J.R., see Nevado, J.J.B. 257
- Fokkens, R.H., see Miermans, C.J.H. 5
- Frame, T., see Lu, B. 175
- Gade, C., see Bizec, B.L. 201
- Galceran, M.T., see Jáuregui, O. 191
- García, L., see Alpizar, J. 149
- Gómez, M., see Palacios, M.A. 209
- Guilbault, G.G., see Compagnone, D. 109
- Guo, X.-Q., see Li, W.-Y. 291
- Haapakka, K., see Kulmala, S. 245
- Hakanen, A., see Kulmala, S. 245
- Healey, B.G., see Ferguson, J.A. 123
- Ikebukuro, K., see Yano, K. 41
- Jáuregui, O.
— and Galceran, M.T.
Determination of phenols in water by on-line solid-phase disk extraction and liquid chromatography with electrochemical detection 191
- Kang, Q., see Shen, D. 55
- Karube, I., see Yano, K. 41
- Koziet, J., see Rossmann, A. 21
- Kulmala, A., see Kulmala, S. 245
- Kulmala, S.
—, Kulmala, A., Ala-Kleme, T., Hakanen, A. and Haapakka, K.
Intrinsic and 1-aminonaphthalene-4-sulfonate-specific extrinsic lyoluminescences of X-ray irradiated sodium chloride 245
- Lastres, E., see Alpizar, J. 149
- Leca, B.
— and Marty, J.-L.
Reusable ethanol sensor based on a NAD⁺-dependent dehydrogenase without coenzyme addition 143
- Li, W.-Y.
—, Guo, X.-Q., Xu, J.-G., Zhu, Q.-Z. and Zhao, Y.-B.
Determination of DNA using sodium 9,10-anthraquinone-2-sulfonate as an in situ photochemical fluorescence probe 291
- Li, Y.-Z.
— and Townshend, A.
Comparative study of some synthesised and commercial fluorogenic substrates for horseradish peroxidase and its mimetic enzyme hemin by a flow injection method 159
- Liu, Z., see Shen, D. 55
- López, M.A., see Palacios, M.A. 209
- López-de-Alba, P.L., see López-Martínez, L. 241
- López-Martínez, L.
—, Luna Vázquez, F.J. and López-de-Alba, P.L.
Simple spectrophotometric determination of tinidazole formulation and serum 241
- Lu, B.
—, Smyth, M.R., O'Kennedy, R., Moulds, J. and Frame, T.
Development of an amperometric immunosensor based on flow injection analysis for the detection of red blood cells 175
- Luna Vázquez, F.J., see López-Martínez, L. 241
- Manuel de Villena, F.J., see Pita, M.T.P. 89
- Martin, G.J., see Rossmann, A. 21
- Marty, J.-L., see Leca, B. 143
- Masuda, Y., see Yano, K. 41
- Maume, D., see Bizec, B.L. 201
- Mazzocchin, G.A., see Baldo, M.A. 77
- Miermans, C.J.H.
—, Fokkens, R.H. and Nibbering, N.M.M.
A study of the applicability of various ionization methods and tandem mass spectrometry in the analyses of triphenyltin compounds 5
- Mo, J., see Zou, X. 115
- Moder, M., see Bohanec, S. 267
- Monteau, F., see Bizec, B.L. 201
- Montero, T., see Alciani, C.E. 233
- Montrade, M.-P., see Bizec, B.L. 201
- Moulds, J., see Lu, B. 175
- Muinaasmaa, U.
—, Råfols, C., Bosch, E. and Rosés, M.
Ionic equilibria in aqueous organic solvent mixtures
The dissociation constants of acids and salts in tetrahydrofuran/water mixtures 133
- Nau, G., see Ewing, K.J. 227
- Nevado, J.J.B.
—, Flores, J.R. and Peñalvo, G.C.
Simultaneous spectrophotometric determination of ethinylestradiol and levonorgestrel by partial least squares and principal component regression multivariate calibration 257
- Nibbering, N.M.M., see Miermans, C.J.H. 5
- Nigretto, J.-M., see Arkoub, I.A. 99
- Nomura, M., see Oi, T. 221
- Odagiri, T., see Oi, T. 221
- Oi, T.
—, Odagiri, T. and Nomura, M.
Extraction of lithium from GSI rock reference samples and determination of their lithium isotopic compositions 221
- O'Kennedy, R., see Lu, B. 175
- Östman, C., see Becker, G. 181
- Padilla, I., see Coedo, A.G. 31
- Palacios, M.A.
—, Gómez, M., Cámara, C. and López, M.A.
Stability studies of arsenate, monomethylarsonate, dimethylarsinate, arsenobetaine and arsenocholine in deionized water, urine and clean-up dry residue from urine samples and determination by liquid chromatography with microwave-assisted oxidation-hydride generation atomic absorption spectrometric detection 209
- Peñalvo, G.C., see Nevado, J.J.B. 257

- Pingarrón, J.M., see Pita, M.T.P. 89
- Pita, M.T.P.
 - , Reviejo, A.J., Manuel de Villena, F.J. and Pingarrón, J.M. Amperometric selective biosensing of dimethyl- and diethyl- dithiocarbamates based on inhibition processes in a medium of reversed micelles 89
- Räbols, C., see Muinasmaa, U. 133
- Randriamahazaka, H., see Arkoub, I.A. 99
- Reviejo, A.J., see Pita, M.T.P. 89
- Rigin, V.I.
 - , Skvortsov, N.K. and Rigin, V.V. Xenon tetrafluoride as a decomposition agent for silicone rubber for isolation and atomic emission spectrometric determination of trace metals 1
- Rigin, V.V., see Rigin, V.I. 1
- Rosés, M., see Muinasmaa, U. 133
- Rossmann, A.
 - , Koziat, J., Martin, G.J. and Dennis, M.J. Determination of the carbon-13 content of sugars and pulp from fruit juices by isotope-ratio mass spectrometry (internal reference method) A European interlaboratory comparison 21
- Santos, J.H., see Cardwell, T.J. 169
- Saxena, R.
 - and Singh, A.K. Pyrocatechol Violet immobilized Amberlite XAD-2: synthesis and metal-ion uptake properties suitable for analytical applications 285
- Schmid, R.D., see Yano, K. 41
- Shen, D.
 - , Kang, Q., Liu, Z. and Wang, L. Oscillation condition for a series piezoelectric sensor. Application to the determination of urease activity in plant seeds 55
- Singh, A.K., see Saxena, R. 285
- Skvortsov, N.K., see Rigin, V.I. 1
- Smyth, M.R., see Lu, B. 175
- Townshend, A., see Li, Y.-Z. 159
- Turfeld, M., see Begerow, J. 277
- Walcarius, A.
 - , Barbaise, T. and Bessiere, J. Factors affecting the analytical applications of zeolite-modified electrodes Preconcentration of electroactive species 61
- Walt, D.R., see Ferguson, J.A. 123
- Wang, L., see Shen, D. 55
- Xu, J.-G., see Li, W.-Y. 291
- Yang, C.-C., see Chang, H.-C. 49
- Yano, K.
 - , Yoshitake, H., Bornscheuer, U.T., Schmid, R.D., Ikebukuro, K., Yokoyama, K., Masuda, Y. and Karube, I. Development of a chemical vapor sensor using piezoelectric quartz crystals with coated unusual lipids 41
- Yeh, T.M., see Chang, H.-C. 49
- Yokoyama, K., see Yano, K. 41
- Yoshitake, H., see Yano, K. 41
- Zhao, Y.-B., see Li, W.-Y. 291
- Zhu, Q.-Z., see Li, W.-Y. 291
- Zou, X.
 - and Mo, J. Spline wavelet analysis for voltammetric signals 115